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TAD/OSS

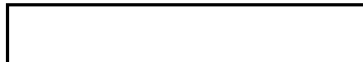
SECRET

NPIC/TDS/D-631-67

13 January 1967

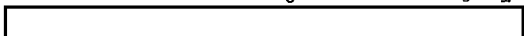
MEMORANDUM FOR: Chief, Imagery Analysis Division, CIA

ATTENTION:

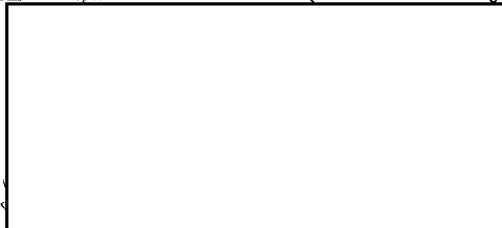


SUBJECT: On-Line Measuring System

1. Attached is a copy of the Development Objectives for a Digital Control Console for use with an On-Line Measuring System dated 4 January 1967.

2. If you agree with these objectives, please indicate your concurrence below. If you believe that changes are required, a memorandum listing the revisions is needed. If you have any questions on this matter, please contact 

3. In order that this staff may advance the project as expeditiously as possible, your answer should be forwarded by 27 January 1967.



Assistant for Technical Development, NPIC

Attachment:

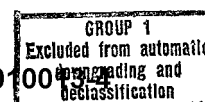
Development Objectives for a Digital Control Console for use with an On-Line Measuring System

CONCUR: _____

Date

Declass Review by NGA.

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SUBJECT: On-Line Measuring System

EXCEPTION: The undersigned takes the exceptions listed in IAD/OSS-13/67
memorandum dated 25 January 1967.

X1



25 JAN
1967
Date

Chief, Imagery Analysis Division, CIA
Distribution:

- Orig & 1 - Addressee
- 1 - A/TD
- 3 - TDS/DS

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IAD/OSS-13/67
25 January 1967

MEMORANDUM FOR: Assistant for Technical Development, NPIC

FROM: Chief, Imagery Analysis Division, CIA

SUBJECT: On-Line Measuring System

REFERENCE: a) Memorandum, NPIC/TDS/D-631-67, dated 13 January 1967

b) Development objectives for a Digital Control Console for use with an on-line measuring system

c) Memorandum, NPIC/P&DS/D/6-1628, dated 17 October 1966

1. We cannot question the fact that a digital control console is a necessary component of an on-line system in which measuring is accomplished on a digitized PI light table. We do, however, question the cost/effectiveness of such a system.

2. In response to reference (2) we have reviewed the sequence of events which led to the development objectives referenced in (b) above. Evidently the concept was an outgrowth of a Project Suggestion Form (PSF) originally submitted to your Staff by two (2) IAD PIs [redacted] This PSF, dated 31 May 1966, was titled "Proposal for the Development of Equipment Capable of Automatic Determination of Photo Coordinates". This PSF was apparently expanded by suggestions from TDS (then P&DS) personnel. Subsequently, a study of the subject was completed by [redacted] TDS, and his comments were reported in reference (c).

3. Senior IAD personnel have reached two (2) conclusions regarding this project: (1) the present concept of an on-line digitized PI light table bears little, if any, resemblance to the device envisioned by [redacted] and (2) the PIs do not feel that the concept of an on-line measuring light table merits additional developmental efforts at this time.

4. No doubt a capability to easily make X-Y readings directly on a light table would be of value to our overall PI effort, but such benefits would not be justified, in our opinion, at the costs we anticipate in the proposed system. We do, nevertheless, still believe that the [redacted] suggestion for a simplified method of determining photo coordinates has merit and request that the TDS re-evaluate this concept. In the meantime, we will recommend that they pursue their idea through the "Employee Suggestion" mechanism.

→ Is there a break down in coordination here?
PIs advise me. 26 Jan.

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IAD/OSS-13/67
25 January 1967

5. With regard to mensuration capabilities, we have invested heavily, in both time and dollars, on the [] Chip Comparator on-line concept and, though this system has "yet to be proven", we are optimistic as to its ultimate success. In addition, we are strongly backing your recent development proposal for a computer-linked "PI Comparator" which would fall between the [] Chip Comparator and the [] M-5 Microstereoscope both in accuracy and in sophistication. For mensuration of lesser importance we expect to continue utilizing the comparative technique with devices such as the [] Microstereoscopes equipped with filar eyepieces; and the Zoom 70s on a measuring light base such as the one you are developing through the []

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Distribution

Original - Addressee
2 - OSS/IAD**SECRET**

FROM			DATE
Chief, Imagery Analysis Division, CIA			25 January 1967
TO	INITIALS	DATE	REMARKS
DIR			<i>Frank/Bol</i> <i>is break down in</i> <i>coordination these</i> <i>people just don't</i> <i>listen. P</i>
DEP/DIR			
EXEC/DIR			
TECH ADV			
SPECIAL ASST			
ASST FOR P&M			
CH/SS			
ASST FOR OPS			
ASST FOR PA			
ASST FOR P&D	1		
CH/CSD			
CH/IPD			
CH/PD			
CH/PSD			
CH/TID			
			<i>(Copy made for</i> <i>55B, Attn: [redacted])</i>
CH/CIA/IAD			
CH/DIA/XX-4			
CH/DIA/AP-IP			
CH/SPAD			
LO/CGS/CIA			
LO/NSA			